

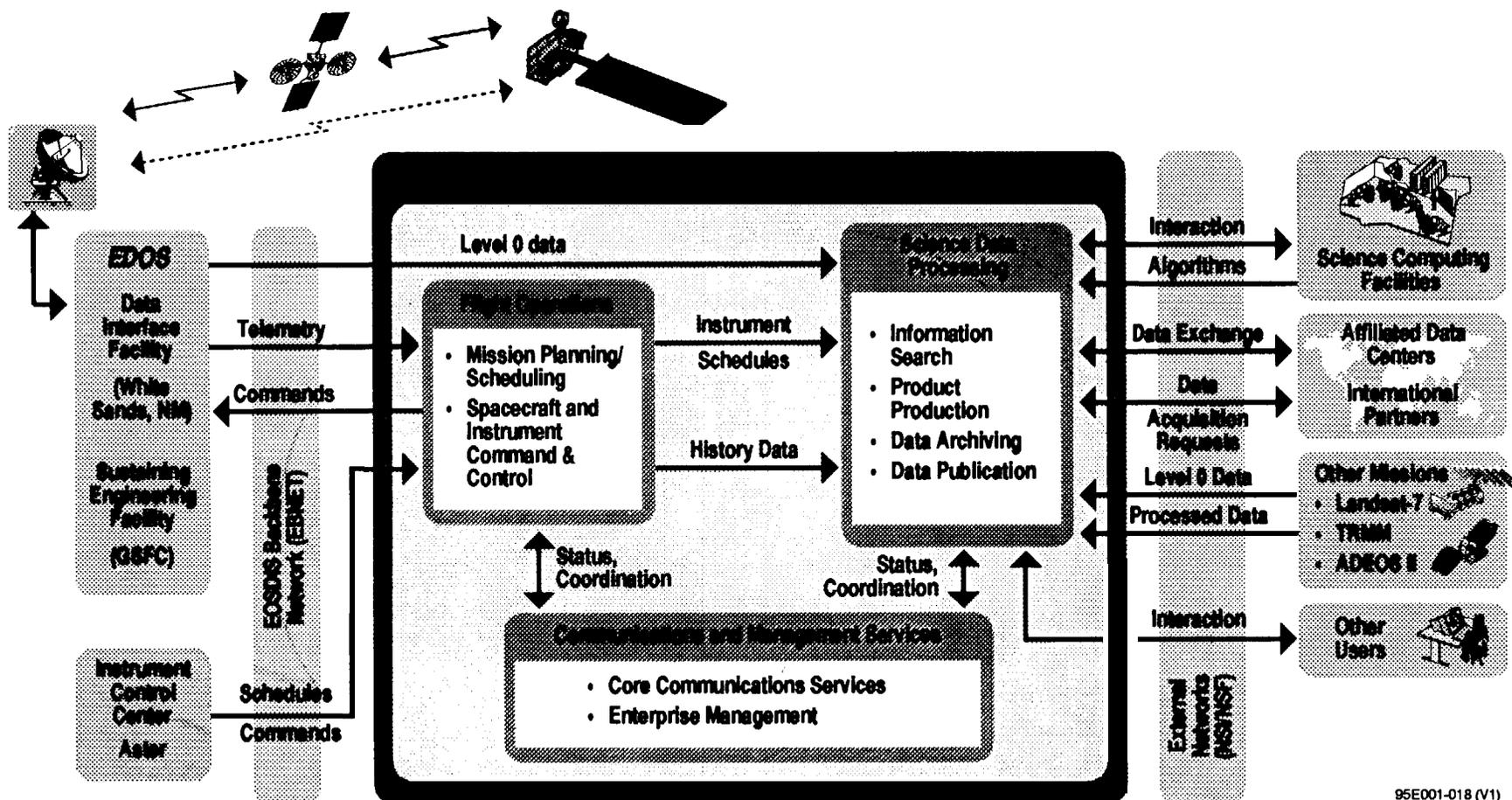
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# An Overview of EOSDIS Core System

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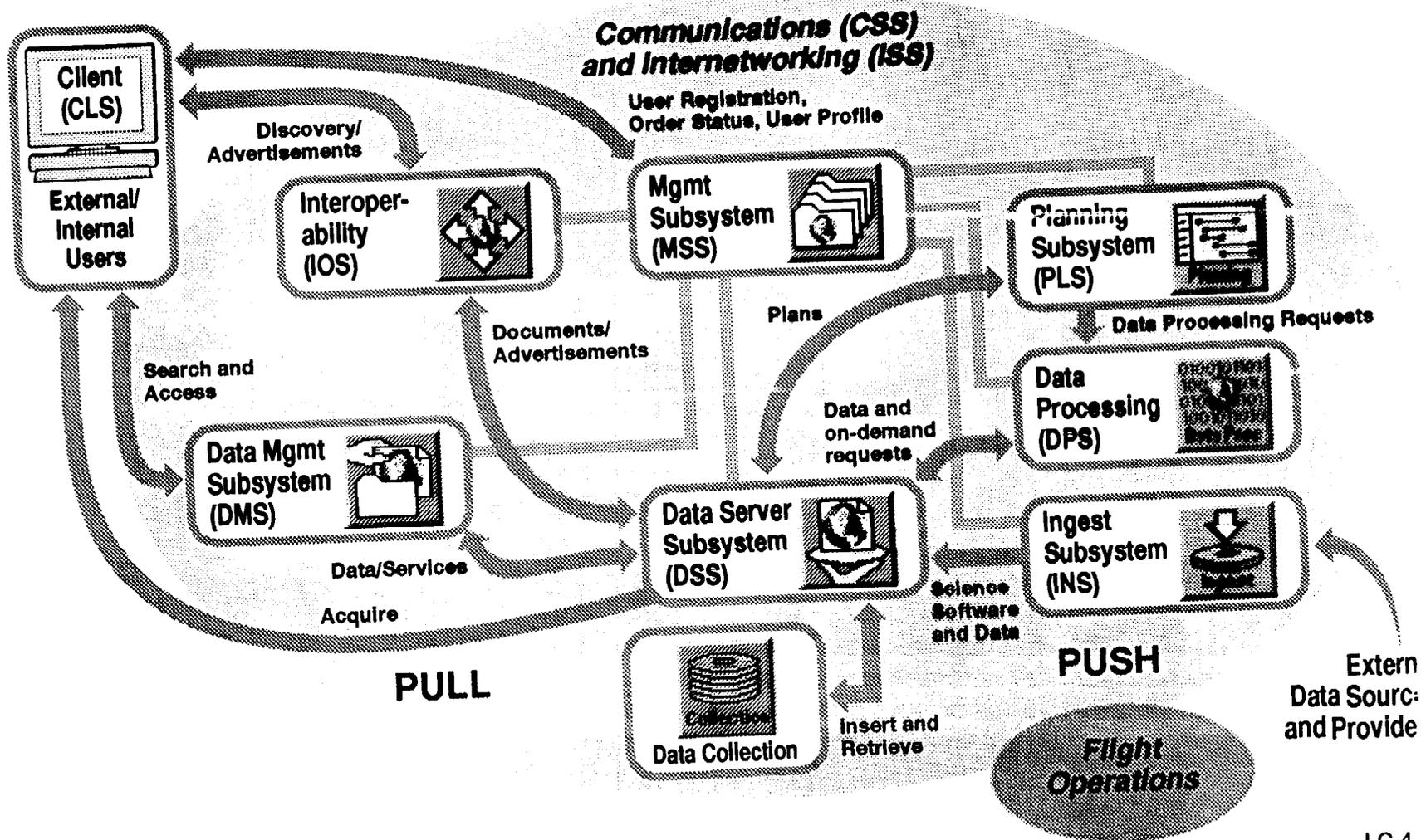
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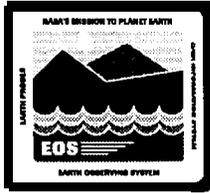
# ECS Segment Context





# ECS Context





## Release B ECS Client Tools

**ESST/JEST** - granule level search and order

**Advertising** - finding data collections and services within and outside ECS

**EOSView** - viewing HDF-EOS files and browse images.

**Subsetting** - subsetting and subsampling granules prior to ordering

**Data Dictionary Tool** - retrieve definitions of key terms

**Document Search Tool** - find guide (and other) documents

**DART** - request data acquisition, examine planned acquisitions (ASTER).

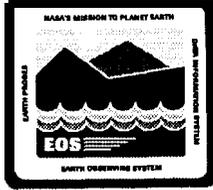
**DPRT** - request on-demand production (ASTER).

**Subscription** - specify subscription to data product.

**User Preferences Tool** - change look&feel preferences for client GUI.

**User Registration Tool** - registration, security.

**Desktop** - provides tool integration, login services, drag/drop services.



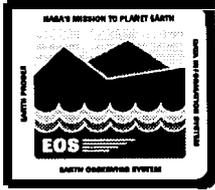
## EOSView: What is it?

- HDF and HDF-EOS Viewer. Opens HDF files, reads metadata, and displays data, text, and image(s).  
Will be bundled as part of ECS Client (X-based interface).

### Designed for:

- viewing browse images
- viewing entire granules locally
- viewing animations
- inspecting data/metadata in tabular form

Not designed as a scientific analysis tool (e.g. no image processing, mathematical/statistical tools, etc).



## Release B EOSView Functionality:

- Display of HDF file contents
- HDF-EOS (swath, grid, point)
- 24-bit Raster image display
- Raster image animation
- Tabular display of data objects
- Color palette selection
- Color palette manipulation
- View multiple images at once
- Display of text/annotations
- Hypertext help
- Pan/zoom on display
- Country /state overlays \*
- Save HDF to ASCII or binary files\*

**\* Not in 10/96 version**